

U.S. National Phase of PCT/EP2003/012860

**Amendments to the Abstract:**

**ABSTRACT**

Please replace the abstract that appears on page 21 of the specification with the following revised abstract which is submitted on a separate sheet.

Abstract

~~The invention relates to a~~ A method and a device for determining and/or monitoring the volume flow rate and/or mass flow rate of a medium flowing through a container. In the case of the device, such is an ultrasonic flow measuring device, which works on the basis of the travel-time-difference principle. Additionally, a technique is presented whereby, on the basis of the results of measurement, also information is provided concerning change in some other system and/or process variable. To this end, the currently measured, actual measuring signals, or the corresponding actual measuring data, is compared with corresponding, stored set measuring signals, or set measuring data; a report is output, when a deviation arises between the set measuring signals, or set measuring data, and the actual measuring signals, or actual measuring data.

[[Fig.]]

[[1]]